

An Viet Pham

Excited about Cyber Security, Blockchain and Artificial Intelligence.

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in an-viet-pham

🌐 phvietan

Education

VNU-HCM, University of Science, Vietnam

B.S. Computer Science

Overall GPA: **3.75/4.00**

Expected graduation: **Oct 2020**

Honors & Awards

- **Rank 13/50 teams** in the **Capture The Flag MatesCTF** round 2 of Viettel, 2018.
- **2nd prize** in the Online Security Challenge by VNU-HCM, University of Science, 2017.
_ **Capture The Flag**: a competition where one finds security vulnerabilities in: Web, Portable Executable, Linux Systems, etc.
- **Rank 3/52 teams ACM ICPC** Asia Regional at Nakhon Pathom – Thailand, 2017.
- **Rank 9/80 teams ACM ICPC** Asia Regional at Bangkok – Thailand, 2016.
- **Rank 1 ACM ICPC** of Vietnam National Contest, 2016.
_ **ACM ICPC**: a competition in which each team of three members compete to solve 10 to 12 algorithmic problems in 5 hours.
- **Rank 8/57** in the **Vietnam National Olympiad in Informatics** for University students, 2016.
- **Honorable mention** in the Tin Hoc Tre Software Development Contest with project **FoodGuru**, 2016.
- **Second prize** in the **Vietnam National Olympiad in Informatics** for High-school students, 2016 and 2015.

Skills

- Good at **Algorithm**: especially **Dynamic Programming** and **Data Structure**.
- Technologies:
 - **Web app**: NodeJS, ReactJS, MongoDB, PostgreSQL, MeteorJS.
 - **Deep Learning**: Python, PyTorch.
 - **OS**: Windows, Linux, OS X.
 - **Other**: Vagrant, Docker, Shell Script.

Work Experience

Quoine

July 2018 – On going

Blockchain Engineer (Part time)

HCMC, Vietnam

- A company that provides trading, exchange cryptocurrencies, and financial services using the **blockchain technology**.
- Link: <https://www.liquid.com>
- Provided **GRPC API** to check incoming **funding, offline signing, broadcasting, building nodes** on the blockchain system. I have integrated **XLM, SIX, EOS** into the platform.
- Provided **Bitcoin** fast funding monitor (using [GAP600](#) API).

Designveloper

June 2017 – October 2017

Software Engineer Intern

HCMC, Vietnam

- A startup company that provides eye-catching Web, innovative cross-platform Mobile development.
- Link: <https://www.designveloper.com>
- Developed **Time Tracking** app that keeps track of the company member's contributions.

Projects

Internal Messenger

- A localhost **Web app** for students to connect and have a nice group chat to relieve stress while in class. Surprisingly, my web app is even more entertaining than the lecture.
- Link: <https://github.com/phvietan/Internal-Messenger>
- Technologies: HTML, CSS, JS, MeteorJS, ReactJS, MongoDB.

Traffic Sign Recognition on GTSRB Dataset

- Implemented a **Convolutional Neural Network** based on the **Residual Network** architecture and achieved **88.519% accuracy** on **GTSRB Dataset** from **IJCNN 2011** conference.
- Link: <https://github.com/phvietan/Traffic-Sign-Recognition>
- Technologies: Python, PyTorch.

FoodGuru

- An **Android application** that allows users to store their favorite restaurants. The application can also give suggestions on the best place to hangout based on different criteria of the user.
- Link: <https://github.com/phvietan/FoodGuru>
- Technologies: Android Studio, SQLite, Google Maps API.